

Installation Instructions for Re-Designed Burner Rack Support included with Replacement Heat Exchanger

APPLIES TO MODELS F, B, FE AND BE

General

All orders for replacement heat exchangers for these unit heaters include a re-designed replacement burner rack support. The improved burner rack support provides positive indexing between the burners and the heat exchanger tubes.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury, or death. Read the installation instructions thoroughly before installing this equipment.

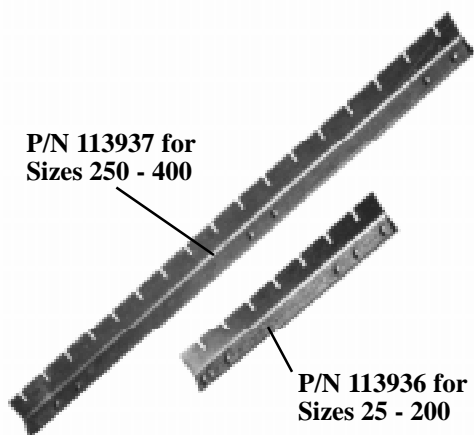
DANGER: The replacement heat exchanger should be installed by a qualified agency in accordance with these instructions and in compliance with all codes and requirements of authorities having jurisdiction. Failure to follow instructions could result in death, serious injury, and or property damage. The qualified agency performing this work assumes responsibility for this installation.

Additional Maintenance Checks

Refer to the "Service and Maintenance" Section of the heater installation manual (Models F and B, Form RGM 434; Models FE and BE, Form RGM 436). As part of the replacement heat exchanger installation, clean the unit checking the complete burner rack assembly including the pilot. Inspect the vent system and replace any components that are not structurally sound.

When installation of the replacement heat exchanger is complete, review the "Check Installation and Startup" Section in the heater installation manual. Follow the instructions on the lighting instruction plate to restart the heater. **CHECK ALL SAFETY FEATURES FOR PROPER OPERATION.**

Figure 1 - Re-Designed Burner Rack Supports



Instructions for Installing Re-Designed Burner Rack Support

NOTE: These instructions cover only the installation of the burner rack support. It is assumed that the gas supply and electric power have been disconnected, and the replacement heat exchanger has been installed. Installation of the re-designed burner rack support is part of the heater re-assembly process.

1. The factory-installed burner rack support and the burner rack were removed to install the heat exchanger. Before re-installing the burner rack, inside the bottom front of the heater, locate the screws that held the factory-installed burner rack support. Figure 1 illustrates the position of the original burner rack support before it was removed. Remove screws, but keep them to attach the re-designed burner rack support.

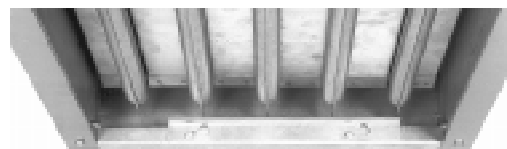


Figure 2 - Location of burner rack support as it was factory-installed on the inside front of the heater (Support was removed when the heater was disassembled; screws should be loosened but still in place.)

2. Position the burner rack on the burner rack brackets at the rear of the heater. See Figure 3.

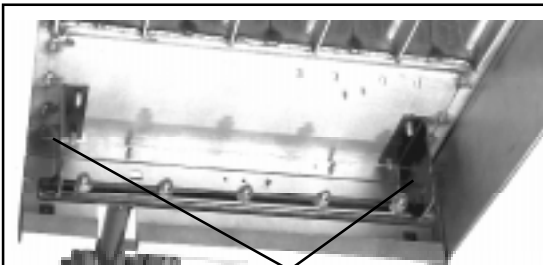


Figure 3 - Burner Rack Brackets at the Rear of the Heater

Swing the front of the burner rack up into the bottom of the heater, position the re-designed burner rack support under the burner rack, and attach with the screws.

The re-designed burner rack support is installed and indexes the burner rack in proper position with the heat exchanger. Discard the original burner rack support.

FOR YOUR SAFETY

If you smell gas:

1. Open windows.
 2. Don't touch electrical switches.
 3. Extinguish any open flame.
 4. Immediately call your gas supplier.
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The use and storage of gasoline or other flammable vapors and liquids in open containers in the vicinity of this appliance is hazardous.

DANGER: The gas burner in Reznor gas-fired equipment is designed and equipped to provide safe and economically controlled complete combustion. However, if the installation does not permit the burner to receive the proper supply of combustion air, complete combustion may not occur. The result is incomplete combustion which produces carbon monoxide, a poisonous gas that can cause death. Safe operation of indirect-fired gas burning equipment requires a properly operating vent system which vents all flue products to the outside atmosphere. **FAILURE TO PROVIDE PROPER VENTING WILL RESULT IN A HEALTH HAZARD WHICH COULD CAUSE SERIOUS PERSONAL INJURY OR DEATH.**

Always comply with the combustion air requirements in the installation codes and instructions. Combustion air at the burner should be regulated only by manufacturer-provided equipment. **NEVER RESTRICT OR OTHERWISE ALTER THE SUPPLY OF COMBUSTION AIR TO ANY HEATER.** Indoor units installed in a confined space must be supplied with air for combustion as required by Code and in the heater installation manual. **MAINTAIN THE VENT SYSTEM IN STRUCTURALLY SOUND AND PROPERLY OPERATING CONDITION.**

Thomas & Betts
